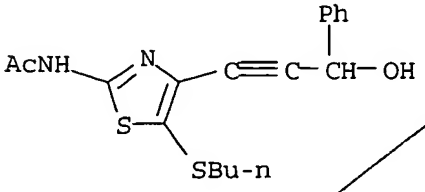
RN 207229-72-9 CAPLUS
CN Acetamide, N-[5-(butylthio)-4-(3-hydroxy-3-phenyl-1-propynyl)-2-thiazolyl]- (9CI) (CA INDEX NAME)



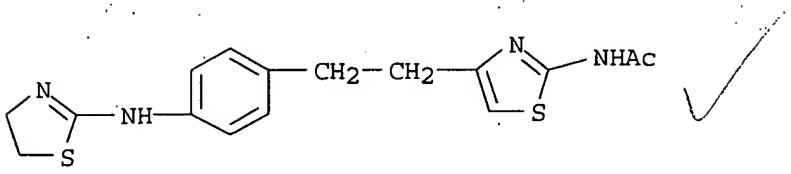
AB Fused thiophenes substituted by at least 1 Cl react with organolithium reagents at -78° by addition to the S atom. The anion generated after ring opening adds to electrophiles or gives elimination products if there is a leaving group in position 3 of the thiophene. The reaction is not general and is highly dependent on the substitution pattern of the thiophene and the nature of the organolithium. Side reactions such as proton abstraction and Li-Cl exchange compete with the ring cleavage. Thiophenes that are not fused to another aromatic ring do not give rise to this reaction, the only known exception being 3,4-dichloro-2,5-dimethoxythiophene at room temperature

L8 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:694359 CAPLUS
DOCUMENT NUMBER: 125:328705
TITLE: Preparation of 2-anilino-2-thiazolines and analogs as nitric oxide synthase inhibitors
INVENTOR(S): Katsura, Yousuke; Nishino, Shigetaka; Tomishi, Tetsuo
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

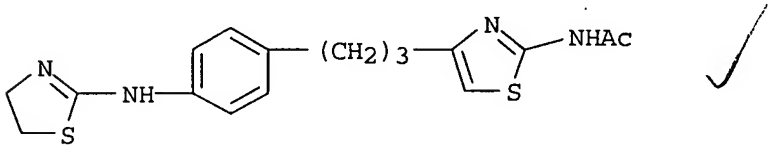
PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9630350	A1	19961003	WO 1996-JP776		19960326
W: AU, CA, CN, HU, JP, KR, MX, NO, NZ, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
AU 9650155	A1	19961016	AU 1996-50155		19960326
JP 11503121	T2	19990323	JP 1996-529162		19960326
PRIORITY APPLN. INFO.:			GB 1995-6188	A	19950327
			WO 1996-JP776	W	19960326

OTHER SOURCE(S): MARPAT 125:328705
IT **183365-33-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of 2-anilino-2-thiazolines and analogs as nitric oxide synthase inhibitors)
RN 183365-33-5 CAPLUS
CN Acetamide, N-[4-[2-[4-[(4,5-dihydro-2-thiazolyl)amino]phenyl]ethyl]-2-

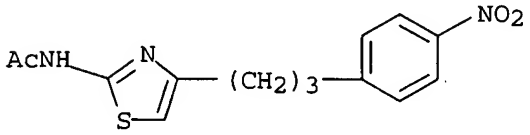
thiazolyl]- (9CI) (CA INDEX NAME)



IT **183365-16-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-anilino-2-thiazolines and analogs as nitric oxide synthase inhibitors)
RN 183365-16-4 CAPLUS
CN Acetamide, N-[4-[3-[4-[(4,5-dihydro-2-thiazolyl)amino]phenyl]propyl]-2-thiazolyl]- (9CI) (CA INDEX NAME)

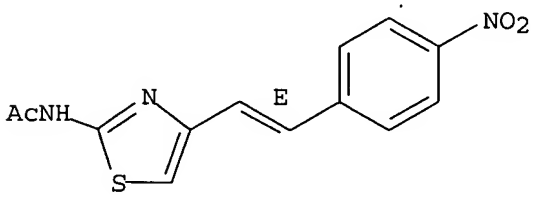


IT **183365-27-7P 183365-28-8P 183365-29-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 2-anilino-2-thiazolines and analogs as nitric oxide synthase inhibitors)
RN 183365-27-7 CAPLUS
CN Acetamide, N-[4-[3-(4-nitrophenyl)propyl]-2-thiazolyl]- (9CI) (CA INDEX NAME)

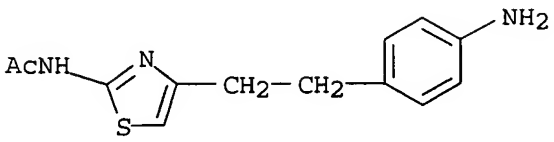


RN 183365-28-8 CAPLUS
CN Acetamide, N-[4-[(1E)-2-(4-nitrophenyl)ethenyl]-2-thiazolyl]- (9CI) (CA INDEX NAME)

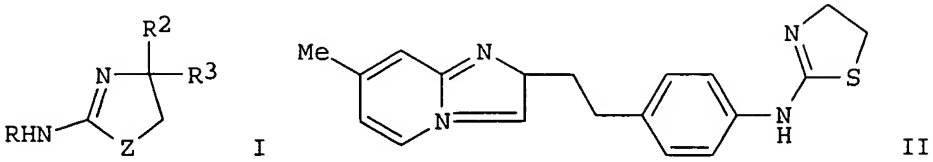
Double bond geometry as shown.



RN 183365-29-9 CAPLUS
CN Acetamide, N-[4-[2-(4-aminophenyl)ethyl]-2-thiazolyl]- (9CI) (CA INDEX NAME)



GI



AB Title compds. [I; R = Z2(CH2)nZ1(CH2)mR1; R1 = heterocyclyl; R2,R3 = H; R2R3 = O; Z = CH2, O, S, (alkyl)imino; Z1 = bond, CH2, O, S; Z2 = phenylene; m,n = 0 or 1] were prepared Thus, title compound II gave 95% inhibition of nitric oxide synthase at 10-5g/mL in vitro.

L8 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1993:70022 CAPLUS
DOCUMENT NUMBER: 118:70022
TITLE: photographic couplers and silver halide color photographic materials
INVENTOR(S): Takeuchi, Kihoshi; Sato, Kozo
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 24 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04204532	A2	19920724	JP 1990-330778	19901130
JP 2592354	B2	19970319		
PRIORITY APPLN. INFO.:			JP 1990-330778	19901130

IT **93044-41-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in preparation of photog. coupler)
RN 93044-41-8 CAPLUS
CN Acetamide, N-[5-nitro-4-(2-phenylethenyl)-2-thiazolyl]- (9CI) (CA INDEX NAME)